

IN THE CLAIMS:

Please enter the following claims as amended:

1. (amended) A fuel injector nozzle for a gas turbine, the nozzle comprising an air supply presented to a fuel distribution arrangement whereby fuel presented to the air flow is mixed for subsequent combustion in use, the fuel being presented by fuel distribution structures in the nozzle wherein the fuel distribution structures are asymmetrically distributed about the nozzle whereby fuel is differentially presented to the an air flow passing through the nozzle in use dependent upon localised air flow pressure.
2. (original) A nozzle as claimed in claim 1 wherein the nozzle has a greater cross-section than the air flow directly impinging upon the nozzle.
3. (original) A nozzle as claimed in claim 1 wherein the fuel distribution structures are configured such that less fuel is presented at portions of the air flow of lower flow pressure typically outside of the direct impingement cross-section of the air flow.
4. (amended) A fuel distribution structure for a fuel injection nozzle wherein the fuel distribution structure distributes fuel to an air flow, wherein the fuel distribution structure characterised ~~in that there~~ is [[a]] radially asymmetric ~~distribution of such fuel distribution by such fuel distribution structure in~~ order to differentially present fuel to the air flow dependent upon localised air flow pressure.
5. (original) A structure as claimed in claim 4 wherein the fuel distribution structure comprises a plurality of grooves.
6. (original) A structure as claimed in claim 4 wherein the fuel distribution structure comprises a number of passageways.
7. (original) A fuel distribution structure as claimed in claim 4 wherein the fuel distribution structure comprises a number of apertures to appropriately present fuel to the air flow.
8. (amended) A fuel distribution structure as claimed in claim any of claims 4 to 7 wherein the fuel distribution structure comprises a number of

~~substantially consistent cross-section aperture portions (52),~~
~~asymmetrically distributed about the fuel distribution structure.~~

9. (amended) A fuel distribution structure as claimed in ~~any of claims 4 to~~
~~claim 7~~ wherein the fuel distribution structure comprises a number of
variably different cross-section apertures (53) evenly distributed about the
fuel distribution structure.

10. (amended) A fuel distribution structure incorporating cross-sectional
portions (52, 53) as claimed in claim 7 ~~and claim 8~~.

11. (amended) A fuel distribution structure as claimed in ~~any of claims 4 to~~
~~claim 10~~ wherein the fuel distribution structure is angled relative to the
direction of air flow.

12. (amended) A fuel distribution structure as claimed in ~~any of claims 4 to~~
~~claim 11~~ wherein the fuel distribution structure is an integral part of a fuel
injection nozzle.

13. A fuel distribution structure comprising a number of elements having a
height in the range 0.25 -1.00mm, a width in the range 0.25 -1.00mm and
with a pitch between respective elements ~~in on~~ the order of 3 -20°.

14. (new) A fuel distribution structure incorporating cross-sectional portions
as claimed in claim 8.

15. (new) A gas turbine engine incorporating a fuel distribution structure as
claimed in claim 4.

Claim 16 is cancelled.